

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11684	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/08/17 05:49
L2	24	("F-PCH" and "F-COCH") and (small\$3 near7 size)	US-PGPUB; USPAT	OR	ON	2009/08/17 05:49
L3	17	("F-PCH" and "F-COCH") and (small\$3 near7 size) near15 sdb	US-PGPUB; USPAT	OR	ON	2009/08/17 05:49
L4	384	(deliver\$3 or send\$3 or transmit\$4) near7 (data or information) near7 mobile near7 idle	US-PGPUB; USPAT	OR	OFF	2009/08/17 05:49
L5	23	("short data burst" near7 channel).clm.	US-PGPUB; USPAT	OR	OFF	2009/08/17 05:50
L6	66	(trunk\$3 near5 extract\$3).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 05:50
L7	20	trunk\$3 near5 group near5 extract\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 05:50
L12	36	((("4955083") or ("5365512") or ("5387905") or ("5392278") or ("5450405") or ("5479477") or ("5491835") or ("5511232") or ("5524273") or ("5530914") or ("5530915") or ("5530916") or ("5530918") or ("5535426") or ("5537684") or ("5542108") or ("5555447") or ("5564071") or ("5694393") or ("5717830") or ("5850611") or ("5884196") or ("5901142") or ("5912882") or ("5914958") or ("5930295") or ("5983114") or ("6016512") or ("6112083") or ("6229802") or ("6301238") or ("6408179") or ("6449491") or ("6484027") or ("6529740") or ("6577848"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 05:55
L13	0	2 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 05:55

L14	0	4 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 05:55
L15	0	7 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 05:55
S1	4	((("4665517") or ("5594740") or ("5799012") or ("6252868")).PN.) and (size or length)	US-PGPUB; USPAT	OR	ON	2004/09/03 14:25
S2	28	"F-PCH" and "F-COCH"	US-PGPUB; USPAT	OR	ON	2004/09/03 14:37
S3	17	("F-PCH" and "F-COCH") and (small\$3 near7 size)	US-PGPUB; USPAT	OR	ON	2006/11/12 16:46
S4	13	("F-PCH" and "F-COCH") and (small\$3 near7 size) near15 sdb	US-PGPUB; USPAT	OR	ON	2004/09/03 14:50
S5	13	("F-PCH" and "F-COCH") and ((small\$3 near7 size) near15 sdb)	US-PGPUB; USPAT	OR	ON	2004/09/03 14:38
S6	4	((("F-PCH" and "F-COCH") and (small\$3 near7 size)) not ((("F-PCH" and "F-COCH") and ((small\$3 near7 size) near15 sdb)))	US-PGPUB; USPAT	OR	ON	2004/09/03 14:40
S7	0	"6741580".URPN.	USPAT	OR	ON	2004/09/03 14:49
S8	6	("5469502" "6064663" "6088578" "6104709" "6167270" "6418148").PN.	USPAT	OR	ON	2004/09/03 14:50
S9	0	((("5469502" "6064663" "6088578" "6104709" "6167270" "6418148").PN.) and (small\$3 near7 size)	US-PGPUB; USPAT	OR	ON	2004/09/03 14:51
S10	1	("F-PCH" and "F-COCH") and (short\$3 near9 length)	US-PGPUB; USPAT	OR	ON	2004/09/03 14:54
S11	1	("F-PCH" and "F-COCH") and (frame near8 mobile near8 server near8 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/03 15:52
S12	1	("F-PCH" and "F-COCH") and (frame near8 server near8 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/03 14:55
S13	1	("F-PCH" and "F-COCH") and (frame near8 (extract\$3 or decod\$3))	US-PGPUB; USPAT	OR	ON	2004/09/03 14:56
S14	1	("forward common channel") same (frame near8 mobile near8 server near8 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/03 15:05

S15	1	("forward common channel") same (frame near8 server near8 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/03 15:07
S16	1	("forward common channel") same (frame near10 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/03 15:07
S17	0	"6407986".URPN.	USPAT	OR	ON	2004/09/03 15:22
S18	11	("5109527" "5229995" "5303234" "5412650" "5420863" "5542093" "5590133" "6005857" "6061340" "6240076" "6240079").PN.	USPAT	OR	ON	2004/09/03 15:22
S19	1	((("F-PCH" and "F-CCCH") and (short\$3 near9 length)) and (forward adj2 channel)	US-PGPUB; USPAT	OR	ON	2004/09/03 15:25
S20	0	((("F-PCH" and "F-CCCH") and (short\$3 near9 length)) and ((forward adj2 channel) near10 (frame near7 extract\$3))	US-PGPUB; USPAT	OR	ON	2004/09/03 15:26
S21	0	((("F-PCH" and "F-CCCH") and (short\$3 near9 length)) and ((forward adj2 channel) near10 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/03 15:26
S22	1	(frame near8 mobile near8 server near8 extract\$3) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2004/09/03 15:52
S23	1	(frame near8 server near8 extract\$3) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2004/09/30 17:37
S24	1	(frame near8 (server or gateway or scp) near8 extract\$3) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2004/09/03 15:53
S25	4	(frame near8 (server or gateway or scp) near8 extract\$3) near8 channel	US-PGPUB; USPAT	OR	ON	2006/02/06 13:04
S26	35	(data near8 (server or gateway or scp) near8 extract\$3) near8 channel	US-PGPUB; USPAT	OR	ON	2004/09/03 16:05
S27	1	((server or gateway or scp) near8 extract\$3) near8 (forward adj2 channel)	US-PGPUB; USPAT	OR	ON	2004/09/03 16:06
S28	1	((server or gateway or scp) near8 extract\$3) near8 (common adj2 channel)	US-PGPUB; USPAT	OR	ON	2004/09/03 16:06
S29	1	((server or gateway or scp) near12 extract\$3) near12 (common adj2 channel)	US-PGPUB; USPAT	OR	ON	2004/09/03 16:07
S30	93	((server or gateway or scp) near12 extract\$3) near12 channel	US-PGPUB; USPAT	OR	ON	2004/09/03 16:08

S31	57334	("455").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/03 16:09
S32	51460	"370".clas.	US-PGPUB; USPAT	OR	ON	2004/09/03 16:09
S33	11	((server or gateway or scp) near12 extract\$3) near12 channel and ("455").CLAS.)	US-PGPUB; USPAT	OR	ON	2004/09/03 16:10
S34	26	"370".clas. and ((server or gateway or scp) near12 extract\$3) near12 channel)	US-PGPUB; USPAT	OR	ON	2004/09/03 16:12
S35	570	channel near10 (frame near10 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/07 11:12
S36	3	channel near10 (frame near10 extract\$3) near10 server	US-PGPUB; USPAT	OR	ON	2004/09/07 11:13
S37	13	(channel near10 (frame near8 extract\$3)) near10 mobile	US-PGPUB; USPAT	OR	ON	2004/09/07 12:54
S38	13	(channel near10 (frame near8 extract\$3)) near15 mobile	US-PGPUB; USPAT	OR	ON	2004/09/07 14:13
S39	37	(channel near10 (frame near8 extract\$3)) near15 (base)	US-PGPUB; USPAT	OR	ON	2004/09/07 14:13
S40	1	channel near10 (frame near10 extract\$3) near10 gateway	US-PGPUB; USPAT	OR	ON	2004/09/07 14:19
S41	4	((("4665517") or ("5594740") or ("5799012") or ("6252868")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/07 15:29
S42	2	((("4665517") or ("5594740") or ("5799012") or ("6252868")).PN.) and extract\$3	US-PGPUB; USPAT	OR	ON	2004/09/07 15:29
S43	2	(US-6741580-\$ or US-6407986-\$).did.	USPAT	OR	OFF	2004/09/30 16:34
S44	0	((US-6741580-\$ or US-6407986-\$).did.) and idle	US-PGPUB; USPAT	OR	OFF	2004/09/30 16:39
S45	1	("20020173327").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/30 16:39

S46	83	"short data burst"	US-PGPUB; USPAT	OR	OFF	2004/09/30 16:55
S47	23	"short data burst" near7 channel	US-PGPUB; USPAT	OR	OFF	2004/09/30 16:55
S48	17	(forward adj3 channel) same (frame near10 extract\$3)	US-PGPUB; USPAT	OR	ON	2004/09/30 17:36
S49	2	(frame near8 extract\$3) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2004/09/30 17:37
S50	13	extract\$3 near8 (frame or data) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2004/09/30 17:58
S51	1	(extract\$3 near8 (frame or data) near8 "common channel") near8 (mobile or \$4phone or handset)	US-PGPUB; USPAT	OR	ON	2004/09/30 17:59
S52	16	"common channel" near10 (frame or data) near10 extract\$3	US-PGPUB; USPAT	OR	ON	2004/10/01 12:07
S53	35	"F-PCH" and "F-CCCH"	US-PGPUB; USPAT	OR	ON	2005/06/12 15:59
S54	15	("F-PCH" and "F-CCCH") and (small\$3 near7 size) near15 sdb	US-PGPUB; USPAT	OR	ON	2005/06/12 16:01
S55	20	S53 and idle	US-PGPUB; USPAT	OR	OFF	2005/06/12 16:00
S56	23	("F-PCH" or "F-CCCH") and (small\$3 near7 size) near15 sdb	US-PGPUB; USPAT	OR	ON	2005/06/12 16:02
S57	0	("F-PCH" or "F-CCCH") near15 (small\$3 near7 size) near15 sdb	US-PGPUB; USPAT	OR	ON	2005/06/12 16:01
S58	22	S56 and idle	US-PGPUB; USPAT	OR	OFF	2005/06/12 16:06
S59	202	(deliver\$3 or send\$3 or transmit\$4) near7 (data or information) near7 mobile near7 idle	US-PGPUB; USPAT	OR	OFF	2005/06/12 16:07
S60	6360	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/12 16:09
S61	33	S59 and S60	US-PGPUB; USPAT	OR	OFF	2005/06/12 16:09
S62	7079	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/01/26 11:39

S63	7122	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/06 12:20
S64	7122	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/06 12:20
S65	67159	(forward\$3 near5 (frame or message))	US-PGPUB; USPAT	OR	ON	2006/02/06 12:34
S66	4	(US-20020145990-\$).did. or (US-6407986-\$ or US-6628946-\$ or US-6741580-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/02/06 12:34
S67	2	S65 and S66	US-PGPUB; USPAT	OR	OFF	2006/02/06 12:35
S68	1	(frame near8 mobile near8 server near8 extract\$3) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2006/02/06 13:03
S69	0	(frame near8 mobile near8 server near8 extract\$3) near8 "control channel"	US-PGPUB; USPAT	OR	ON	2006/02/06 13:03
S70	0	(message near8 mobile near8 server near8 extract\$3) near8 "control channel"	US-PGPUB; USPAT	OR	ON	2006/02/06 13:03
S71	0	(message near8 mobile near8 gateway near8 extract\$3) near8 "control channel"	US-PGPUB; USPAT	OR	ON	2006/02/06 13:04
S72	5	(frame near8 (server or gateway or scp) near8 extract\$3) near8 channel	US-PGPUB; USPAT	OR	ON	2006/02/06 13:29
S73	1	("6628946").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/06 13:29
S74	23	("F-PCH" and "F-CCCH") and (small\$3 near7 size)	US-PGPUB; USPAT	OR	ON	2006/07/10 12:53
S75	18	(channel near10 (frame near8 extract\$3)) near10 mobile	US-PGPUB; USPAT	OR	ON	2006/07/10 12:53
S76	7837	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/10 12:53
S77	1	(frame near8 mobile near8 server near8 extract\$3) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2006/11/18 12:30
S78	8330	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/12 16:45
S79	23	("F-PCH" and "F-CCCH") and (small\$3 near7 size)	US-PGPUB; USPAT	OR	ON	2006/11/12 16:46

S80	6108	(push near2 talk) or ptt	US-PGPUB; USPAT	OR	ON	2006/11/12 16:47
S81	23	("F-PCH" and "F-COCH") and (small\$3 near7 size)	US-PGPUB; USPAT	OR	ON	2006/11/12 16:47
S82	51	"F-PCH" and "F-COCH"	US-PGPUB; USPAT	OR	ON	2006/11/12 16:47
S83	37	S80 and S82	US-PGPUB; USPAT	OR	OFF	2006/11/12 16:47
S84	18	extract\$3 near8 (frame or data) near8 "common channel"	US-PGPUB; USPAT	OR	ON	2006/11/18 12:32
S85	20	((forward adj3 channel) same (frame near10 extract\$3))	US-PGPUB; USPAT	OR	ON	2006/11/18 12:31
S86	6128	(push near2 talk) or ptt	US-PGPUB; USPAT	OR	ON	2006/11/18 12:32
S87	1	S84 and S86	US-PGPUB; USPAT	OR	OFF	2006/11/18 12:32
S88	1	S85 and S86	US-PGPUB; USPAT	OR	OFF	2006/11/18 12:32
S89	108867	extract\$3 near8 (frame or data)	US-PGPUB; USPAT	OR	ON	2006/11/18 12:33
S90	586	S86 and S89	US-PGPUB; USPAT	OR	OFF	2006/11/18 12:33
S91	8357	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/18 12:33
S92	11	S90 and S91	US-PGPUB; USPAT	OR	OFF	2006/11/18 12:33
S93	41844	((370/338,336,321,351-357,389-392,442,470-471) or (709/217-219,227-229,231,236,238-242)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/05/13 17:09
S94	118223	extract\$3 near8 (frame or data)	US-PGPUB; USPAT	OR	ON	2007/05/13 17:10
S95	5389	S93 and S94	US-PGPUB; USPAT	OR	ON	2007/05/14 08:09

S96	59	"F-PCH" and "F-OOCH"	US-PGPUB; USPAT	OR	ON	2007/05/14 08:48
S97	170	((server or gateway or scp) near12 extract\$3) near12 channel	US-PGPUB; USPAT	OR	ON	2007/05/14 08:48
S98	8999	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/14 08:49
S99	21	(forward adj3 channel) same (frame near10 extract\$3)	US-PGPUB; USPAT	OR	ON	2007/05/14 08:49
S100	41844	((370/338,336,321,351-357,389-392,442,470-471) or (709/217-219,227-229,231,236,238-242)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2007/05/14 08:49
S101	6875	(push near2 talk) or ptt	US-PGPUB; USPAT	OR	ON	2007/05/14 09:09
S102	3	((("6407986") or ("6272334") or ("20020145990")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 09:10
S103	23	(forward adj3 channel) same (frame near10 extract\$3)	US-PGPUB; USPAT	OR	ON	2007/12/23 17:01
S104	7	((("F-PCH" and "F-OOCH") and (small\$3 near7 size)) not ((("F-PCH" and "F-OOCH") and ((small\$3 near7 size) near15 sdb))	US-PGPUB; USPAT	OR	ON	2007/12/23 17:01
S105	23	(forward adj3 channel) same (frame near10 extract\$3)	US-PGPUB; USPAT	OR	ON	2007/12/23 17:01
S106	2	((("4665517") or ("5799012")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/21 14:47
S107	26	ptt near5 extract\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 10:04
S108	449	trunk\$3 near5 extract\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 10:09
S109	20	trunk\$3 near5 group near5 extract\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 10:09

S110	17	("F-PCH" and "F-CCCH") and ((small\$3 near7 size) near15 sdb)	US-PGPUB; USPAT	OR	ON	2008/12/21 20:16
S111	12	(frame near8 (server or gateway or scp) near8 extract\$3) near8 channel	US-PGPUB; USPAT	OR	ON	2008/12/21 20:16
S112	68	"short data burst" near7 channel	US-PGPUB; USPAT	OR	OFF	2008/12/21 20:16
S113	9203	(push near2 talk) or ptt	US-PGPUB; USPAT	OR	ON	2008/12/21 20:16
S114	10885	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/21 20:17
S115	454	trunk\$3 near5 extract\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/21 20:17
S116	0	((("F-PCH" and "F-CCCH") and ((small\$3 near7 size) near15 sdb)). .clm.	US-PGPUB; USPAT	OR	ON	2008/12/21 20:17
S117	2	((frame near8 (server or gateway or scp) near8 extract\$3) near8 channel).clm.	US-PGPUB; USPAT	OR	ON	2008/12/21 20:17
S118	21	("short data burst" near7 channel).clm.	US-PGPUB; USPAT	OR	OFF	2008/12/21 20:17
S119	65	(trunk\$3 near5 extract\$3).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/21 20:17
S120	11867	((455/417,422.1,423,427,428,434,518,519,528) or (370/335)). .CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/21 20:19

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	7	("short data burst" near7 channel).clm.	USPAT; UPAD	OR	OFF	2009/08/17 05:50
L9	27	((deliver\$3 or send\$3 or transmit\$4) near7 (data or information) near7 mobile near7 idle).clm.	USPAT; UPAD	OR	OFF	2009/08/17 05:51
L10	262	((455/417,422.1,423,427,428,434,528) or (370/335)).CCLS.	UPAD	OR	OFF	2009/08/17 05:51

L11	3	(trunk\$3 near5 group near5 extract\$3).clm.	USPAT; UPAD	OR	ON	2009/08/17 05:51
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